



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, January 16, 2017

Issued: 0800 CT

Day 1 Weather Impacts - Heavy snow continues over northern NM.

A few strong storms possible over NE TX, NW LA and AR; damaging winds/hail are the main threats

National Weather Service

**Southern Region Headquarters
Regional Operations Center
Fort Worth, TX**



**Prepared by: Mark Wiley
817-978-1100 x 147**

Key Points



Today

- A few strong storms possible over NE TX, NW LA and AR
 - Damaging winds are the main threat along with some hail
- Heavy snow continues today over NM; snow totals of 2-3 feet are possible across the highest peaks of N-Central NM
 - Travel impacts likely to linger through tonight

Tuesday

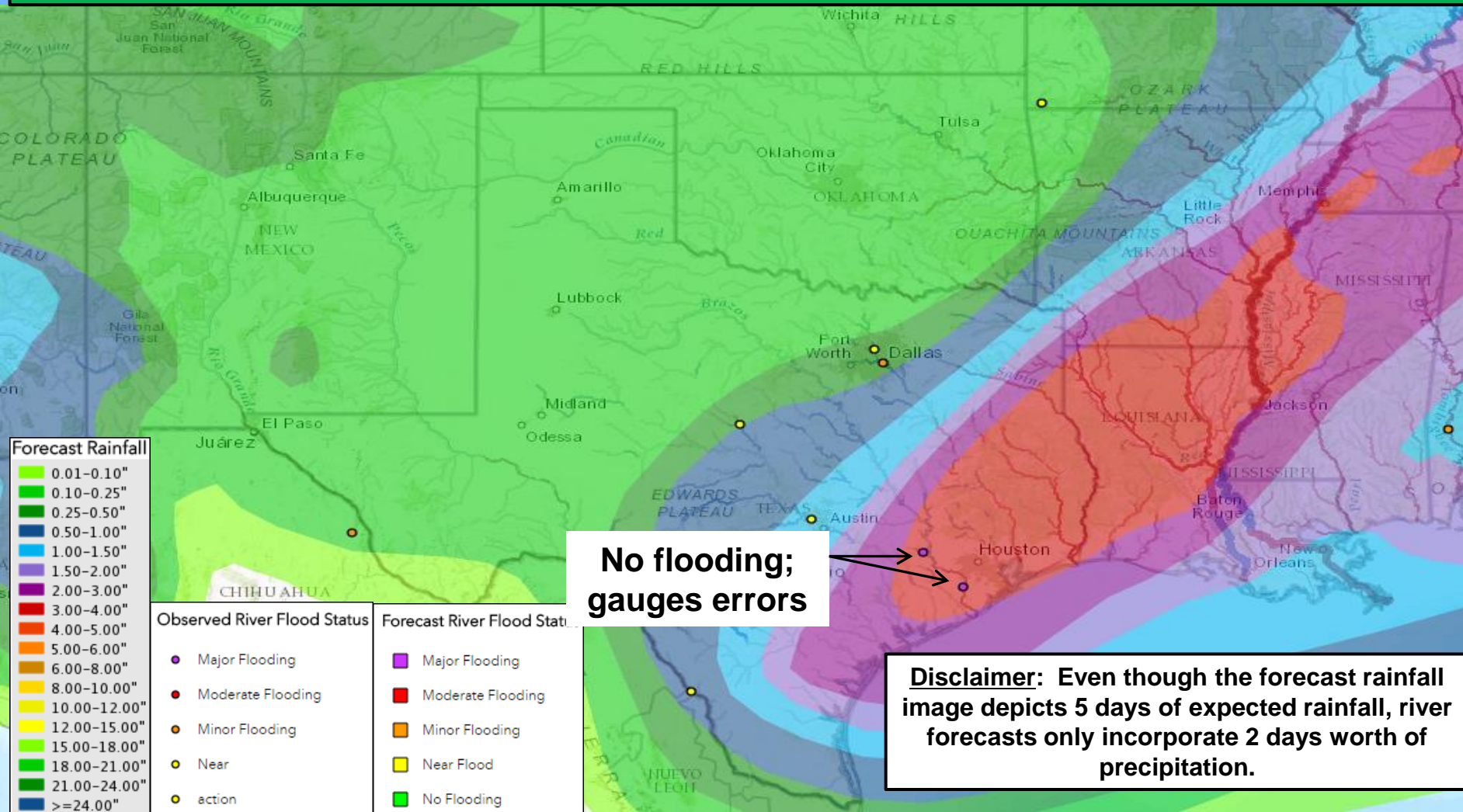
- A few strong storms possible over the lower to middle TX Coastal Plains

Wednesday - Friday

- Showers and thunderstorms likely over LA on Friday...monitoring for possibility of severe storms along with heavy rainfall

5-Day Precipitation Forecast & River Flood Status

With this 5-day expected rainfall, widespread significant flooding is not expected. Isolated creek and tributary rises are possible, especially in TX, LA and S AR.



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Jan 16, 2017 - Jan 20, 2017

	MON	TUE	WED	THU	FRI
Severe Weather	NE TX, AR, NW LA	Lower to Middle TX Coastal Plains			LA
Heavy Rain / Flash Flooding					LA
Winter Weather	N NM				
Fire Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

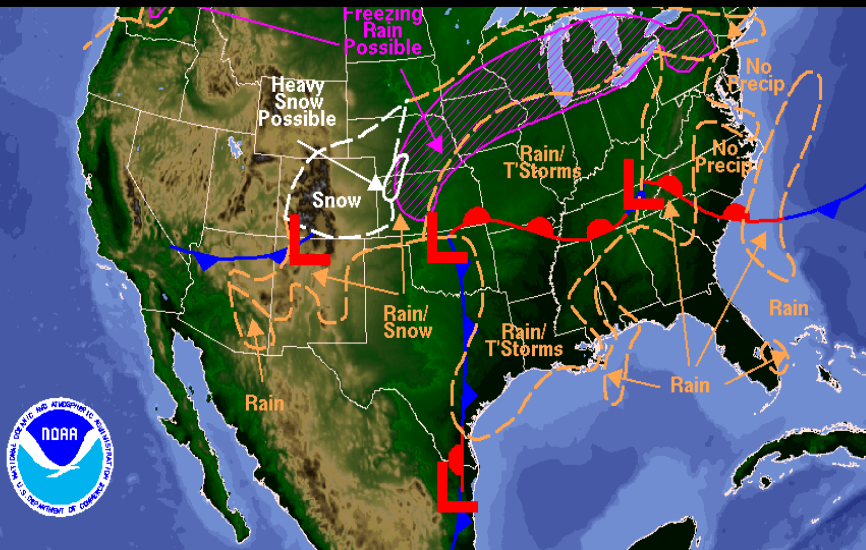
For more details on the colors in the threat matrix refer to the last slide in this briefing.



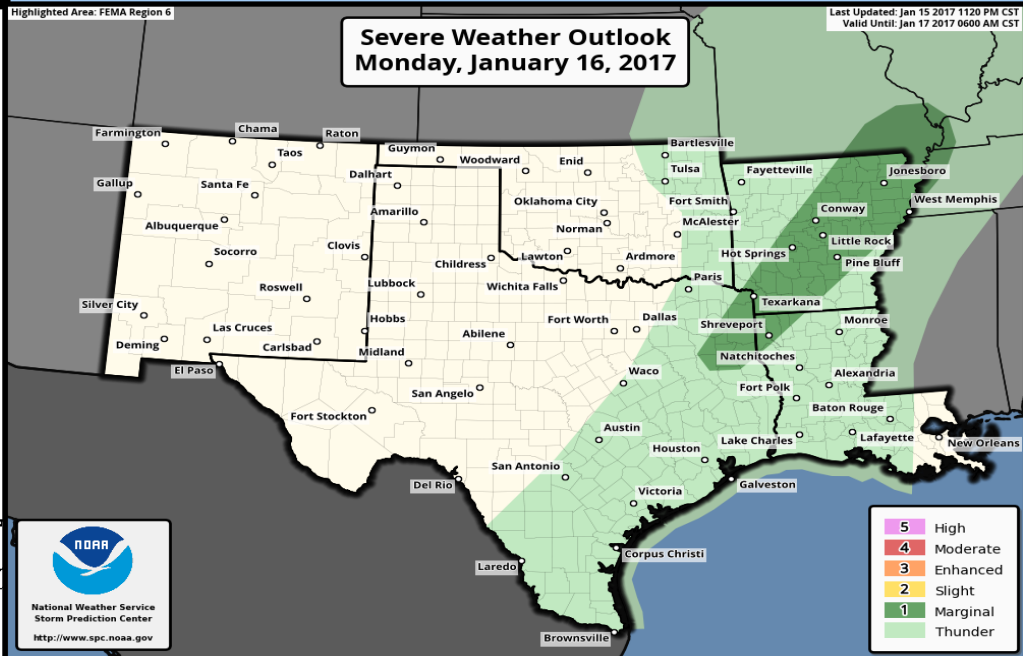
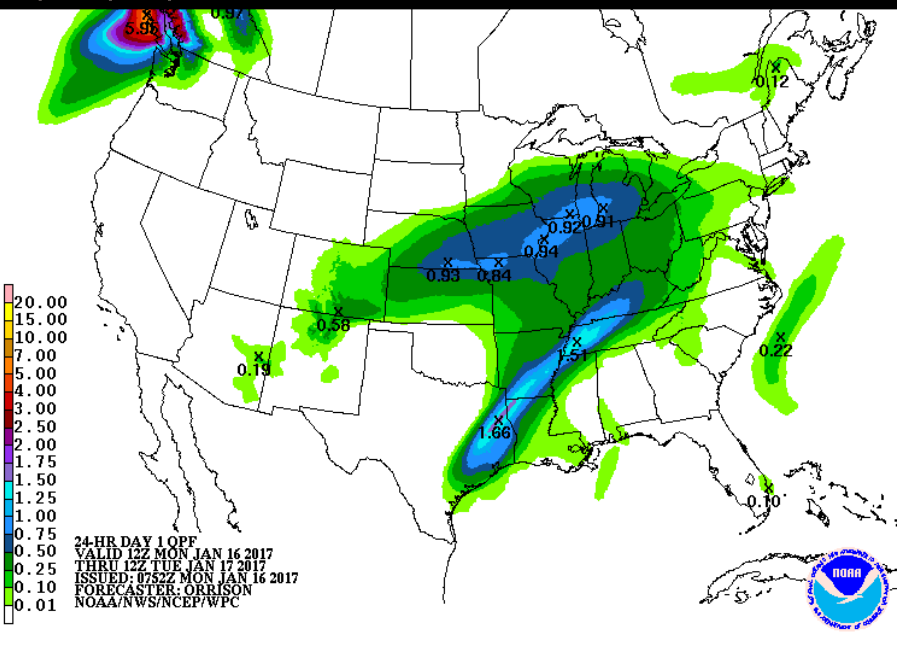
Today's Weather

Snow continues over northern NM today;
travel impacts remain possible.

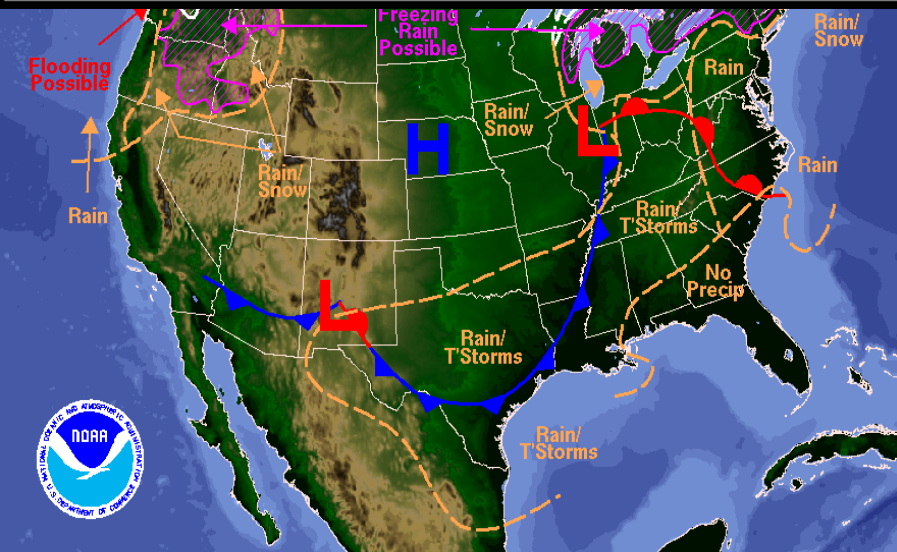
Strong storms possible over NE TX into AR
and NW LA; damaging winds, hail are the
main threats.



Weather Forecast for Mon, Jan 16, 2017, issued 4:40 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

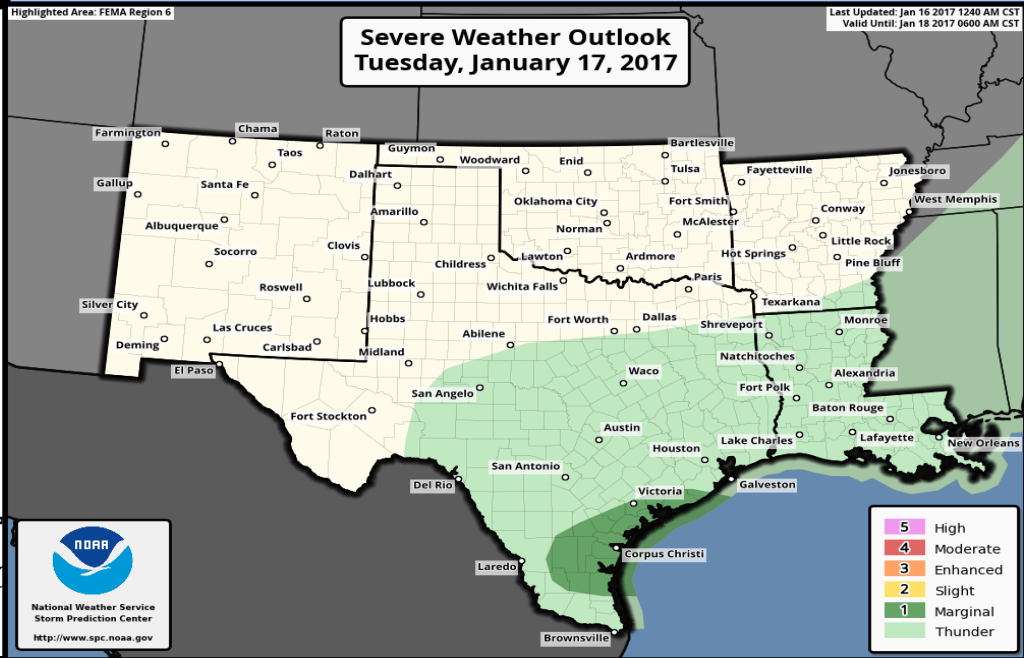
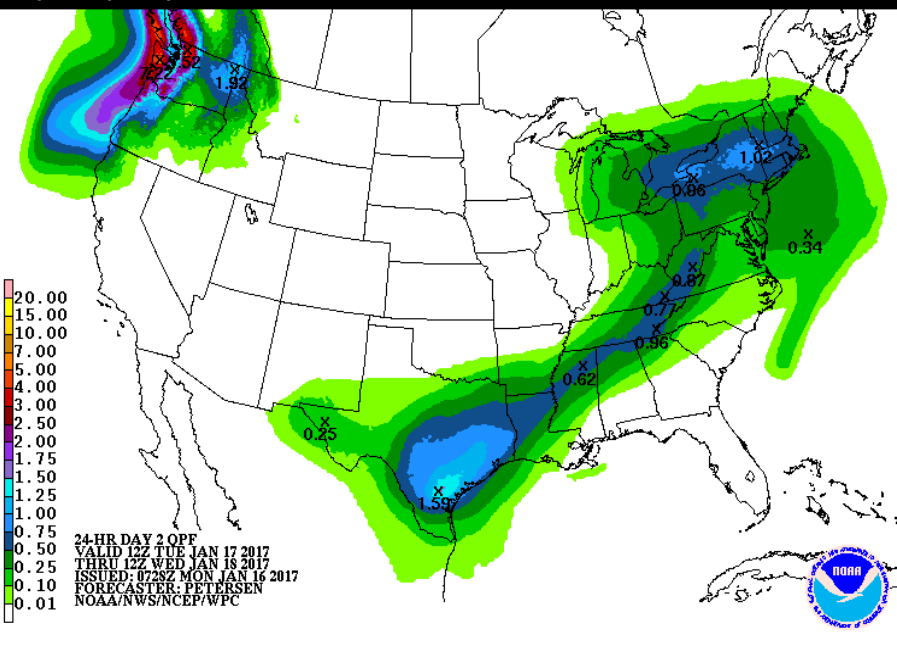


Tomorrow's Weather

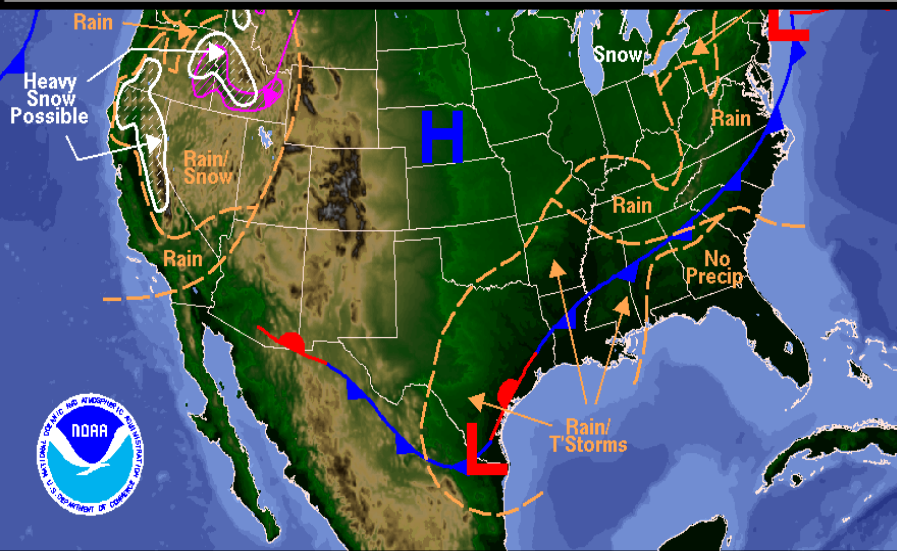


Weather Forecast for Tue, Jan 17, 2017, issued 4:51 AM EST Mon, Jan 16, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

A few strong storms possible over the lower to middle TX Coastal Plains; wind gusts will be the main threat.

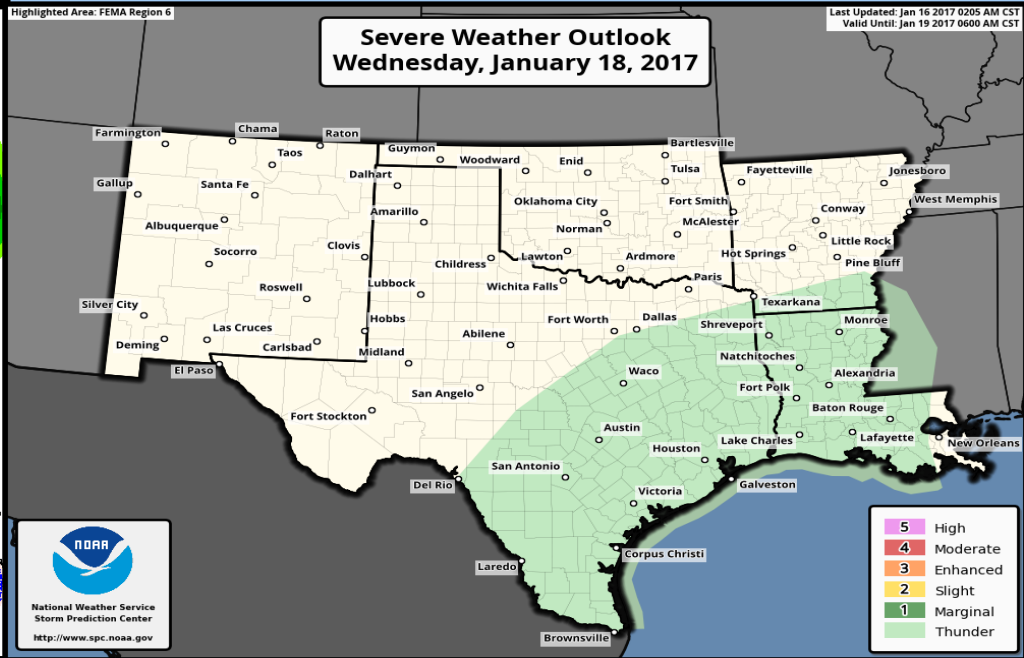
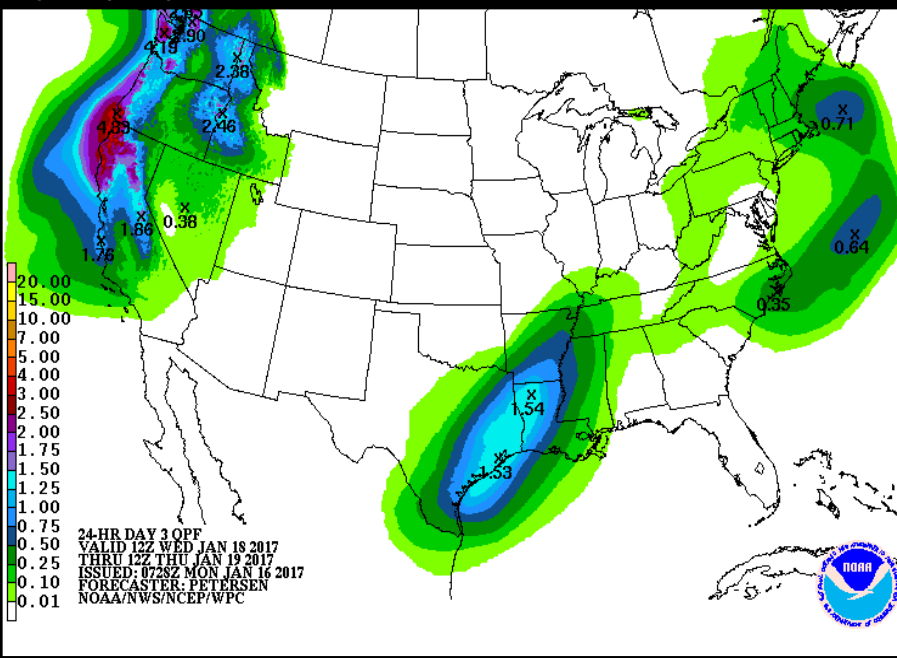


Wednesday's Weather



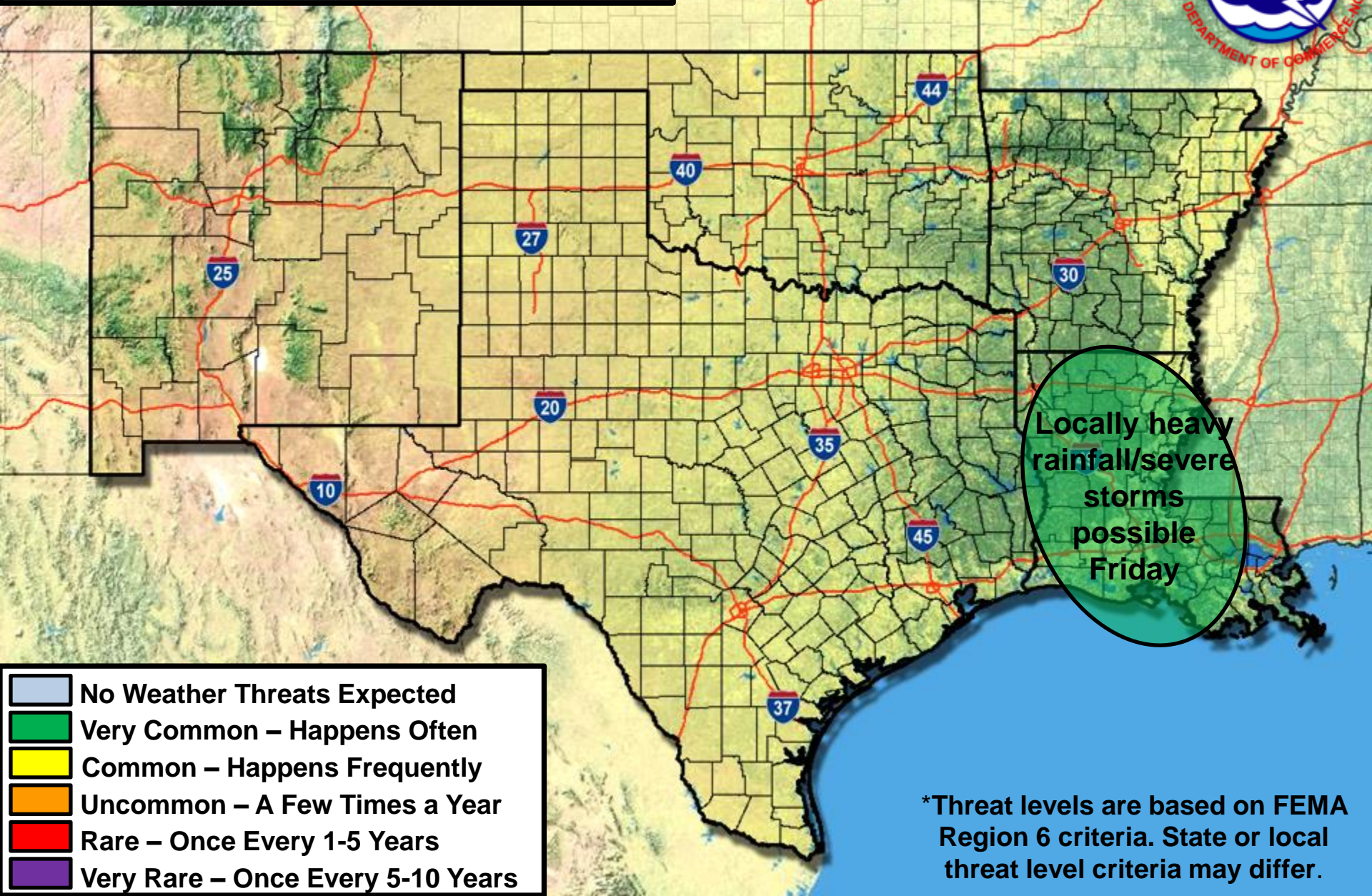
Weather Forecast for Wed, Jan 18, 2017, issued 5:10 AM EST Mon, Jan 16, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Showers/thunderstorms likely over E TX/W LA, but flash flooding/severe weather not anticipated

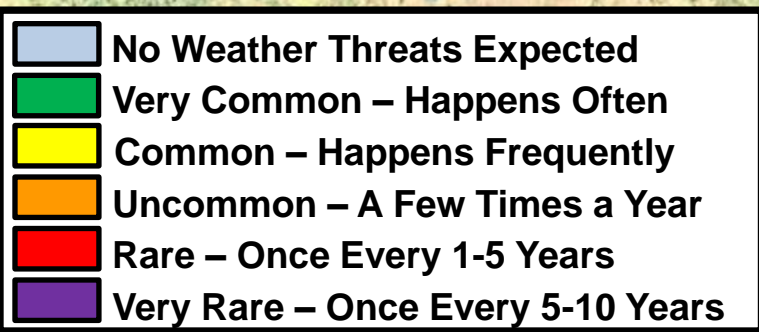


Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Locally heavy
rainfall/severe
storms
possible
Friday

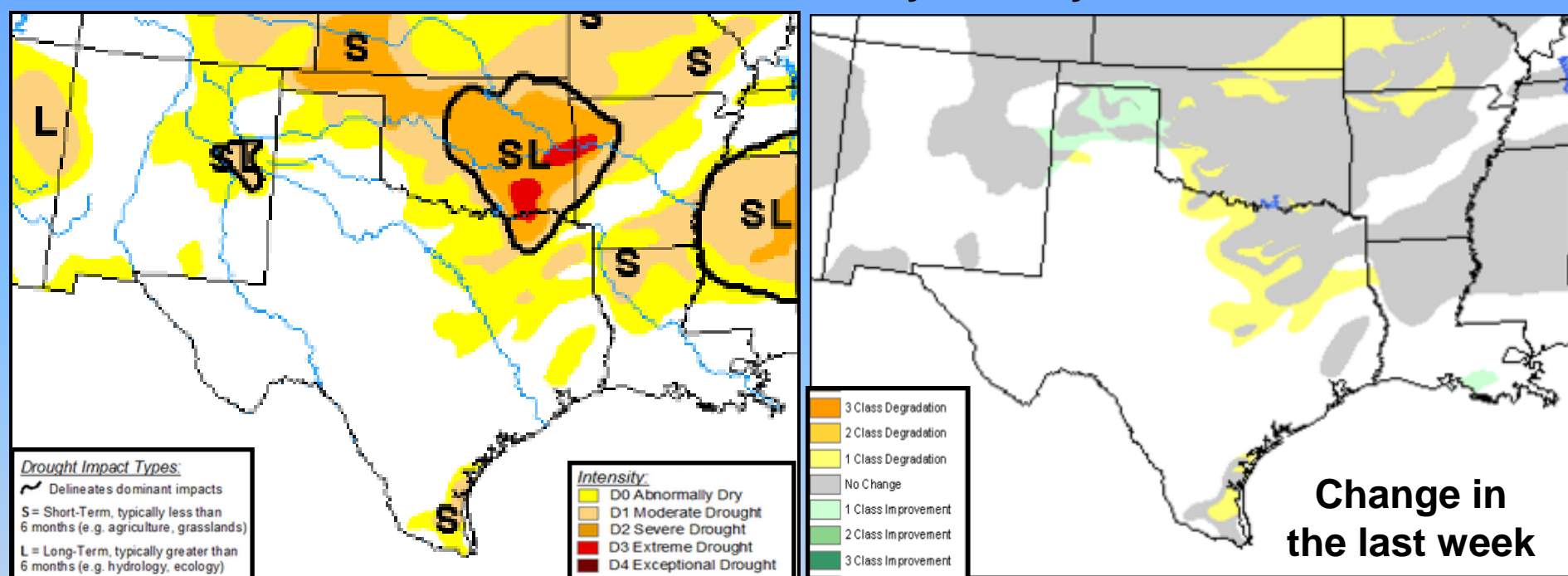


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released January 12, 2016

Data valid as of 7am CDT, Tuesday January 10, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	5.66%	5.55%	0.00%	0.00%
Texas	0.14%	0.04%	0.00%	0.00%
Arkansas	2.02%	2.02%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

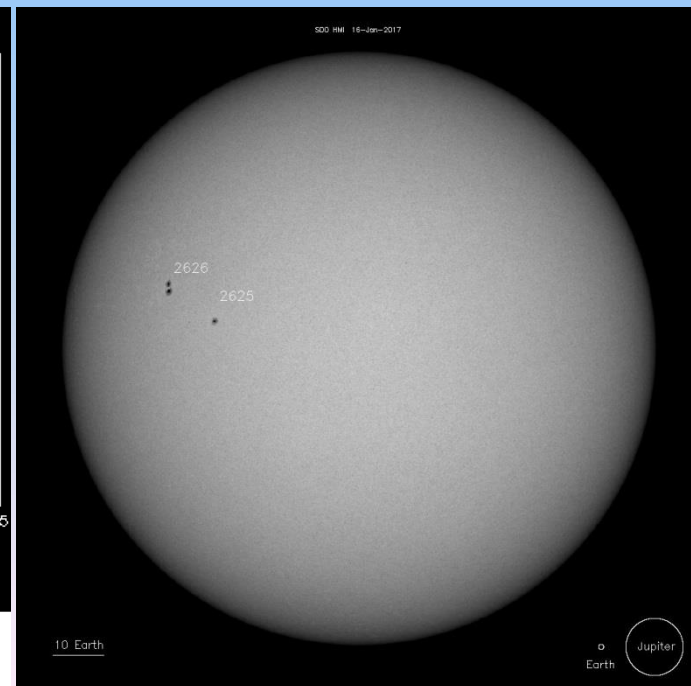
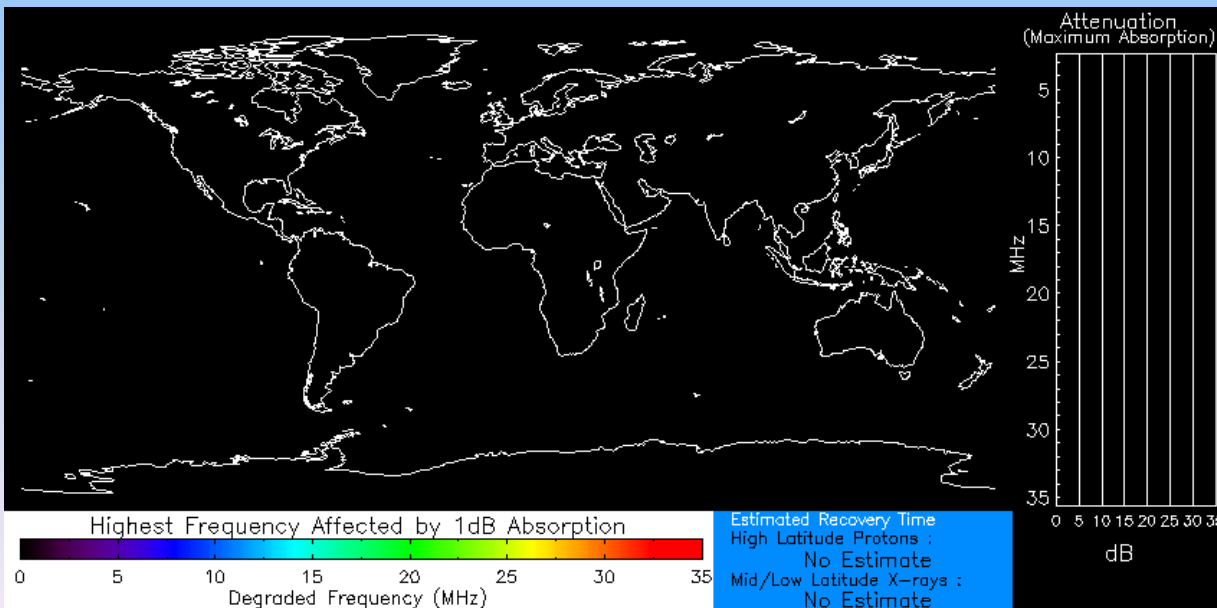
Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2017-01-16 12:18 UTC

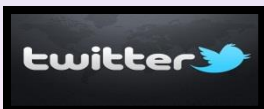
Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)
 <https://www.facebook.com/NWSSouthern>



@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms